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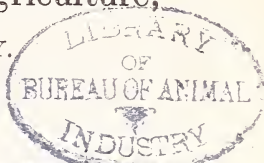
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1921-1924

United States Department of Agriculture,

BUREAU OF ANIMAL INDUSTRY.

JOHN R. MOHLER, CHIEF OF BUREAU.



SERVICE AND REGULATORY ANNOUNCEMENTS.

JANUARY, 1921.

[This publication is issued monthly for the dissemination of information, instructions, rulings, etc., concerning the work of the Bureau of Animal Industry. Free distribution is limited to persons in the service of the bureau, establishments at which the Federal meat inspection is conducted, public officers whose duties make it desirable for them to have such information, and journals especially concerned. Others desiring copies may obtain them from the Superintendent of Documents, Government Printing Office, Washington, D. C., at 5 cents each, or 50 cents a year. A supply will be sent to each official in charge of a station or branch of the bureau service, who should promptly distribute copies to members of his force. A file should be kept at each station for reference.]

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CHANGES IN DIRECTORY.

Meat Inspection Inaugurated.

752. Mohawk Packing Co., 82 North Street, Boston, Mass.
 *579. Memphis Packing Corporation, 229 Falls Building, Memphis, Tenn.
 384. Nut Grove Butter Co., 106 Noxon Street, Syracuse, N. Y.
 380. Howard Pancero, 2011 Branch Street, Cincinnati, Ohio.

Meat Inspection Withdrawn.

919. J. C. Bull Jr., Co., Arcata, Calif.
 300. The Northern Ohio Butterine Co., Ashland, Ohio.
 E-50. The Cincinnati Packing Co., Cincinnati, Ohio.
 105. A. D. Davis Packing Co., Mobile, Ala.
 994. Arizona Packing Co., Phoenix, Ariz.
 366. Ve Nut Products Co., Newark, N. J.
 270. International Vegetable Oil Co., Augusta Road, Savannah, Ga.

* Conducts slaughtering.

Meat Inspection Reinaugurated Following Suspension.

998. Gorgin & Tyirin, 1907 Dunlap Street, Cincinnati, Ohio.

Changes in Names of Official Establishments.

*747. Peoples Packing House Co., 256 Stark Street, Cincinnati, Ohio, instead of Howard Pancero.

75. Acme Packing Co. (and Chicago Beef Co., Indian Packing Co., Indian Packing Corp., Martin-Pemberton Co.), Green Bay, Wis., instead of Indian Packing Co., and Indian Packing Corp.

Stations Added.

Albany, Ga., virus-serum control, Dr. Charles A. Klein, care Albany Serum Co.
Syracuse, N. Y. (substation of Buffalo, N. Y.).

Stations Discontinued.

Arcata, Calif. (substation of San Francisco, Calif.)

Ashland, Ohio (substation of Cleveland, Ohio).

Phoenix, Ariz., meat inspection.

Changes of Officials in Charge.

Memphis, Tenn., Dr. C. L. E. Kerr instead of Mr. B. L. Larimore.

Grove City, Pa., Mr. William White instead of Mr. S. C. Thompson.

Changes in Addresses of Officials in Charge.

Dr. Fern A. Imler, Room 19, Federal Building, Kansas City, Kans., instead of 20 Federal Building.

Dr. George W. Neff, P. O. box 33, Charleston, W. Va., instead of care State Commissioner of Agriculture.

Dr. W. A. Sullivan, P. O. box 809 Boise, Idaho, instead of care Director of Animal Industry.

Note.

Inspection extended, Establishment 20-A, Wilson & Co. (Inc.), Kansas City, Kans., to include Wilson-Martin Co.

NOTICES REGARDING MEAT INSPECTION.**M. I. FORMS 116 AND 121.**

Inspectors in charge of meat inspection are requested to render reports on M. I. Forms 116 and 121 to the Washington office weekly in future instead of daily as heretofore. Care should be taken to show the dates on which all certificates are issued, but if space permits, the issuance of certificates on several dates may be entered on the same sheet. These reports should not be rendered for any week during which no certificate was issued.

REMOVAL OF HOOFS AND CLAWS FROM HOG CARCASSES.

All hoofs and claws shall be removed from all hog carcasses during the process of cleaning. This procedure is necessary for proper cleaning and to prevent subsequent soiling of meat and products. The practice at many establishments has fully demonstrated that removal of hoofs and claws can readily be accomplished, and it is desired that this practice become effective at all establishments at an early date. Such time as may reasonably be required will be allowed establishments to procure suitable appliances and train employees to do the work.

* Conducts slaughtering.

FUMIGATION WITH HYDROCYANIC ACID.

Fumigation with hydrocyanic acid is recognized as a practical and efficient means of ridding buildings of rats, insects, and other vermin. Experiments conducted by the bureau have shown that meats may be fumigated with this gas without injury and without absorption of the gas. Such fumigation, therefore, will be recognized by the bureau as a practical means of eliminating rats, mice, and other vermin from official establishments. Such fumigation will be permitted without requiring the removal of the meats and other edible products from the premises.

On account of the extremely poisonous character of hydrocyanic acid gas, however, it is required that official establishments desiring to fumigate shall obtain permission from the Washington office before undertaking the fumigation; that the fumigation shall be conducted under direct charge of a person familiar with the gas and with methods of fumigation; that all operations shall be discontinued in the building during the time of fumigation; and that all requirements of the local authorities shall be complied with. Inspectors in charge shall convince themselves that the persons whom the establishments intend to place in charge of the fumigation are competent to conduct the work. Inspectors in charge will not assume responsibility for any part of the work or for the results obtained. Inspectors in charge will make full report to the bureau of all fumigations conducted in official establishments under their jurisdiction.

ANIMALS SLAUGHTERED UNDER FEDERAL INSPECTION, DECEMBER, 1920.

Station.	Cattle.	Calves.	Sheep.	Goats.	Swine.
Chicago.....	153,541	44,966	236,837	416	733,067
Fort Worth.....	17,823	12,859	4,023	143	19,944
Kansas city.....	74,931	15,032	81,851	99	231,971
National Stock Yards.....	32,593	8,217	32,788	76	141,375
Omaha.....	61,585	4,997	108,070	.....	162,093
St. Louis.....	16,276	2,205	4,975	.....	190,336
Sioux city.....	23,855	1,893	23,798	1	97,531
South St. Joseph.....	23,664	3,072	56,320	16	135,021
South St. Paul.....	23,621	24,526	28,418	.....	205,101
All other establishments.....	233,545	126,845	355,334	469	2,067,683
Total: December, 1920.....	667,344	244,573	932,417	1,220	3,985,125
December, 1919.....	960,181	311,639	1,234,577	9,581	4,790,353
12 months ended December, 1920.....	8,608,691	4,058,370	10,982,180	42,477	38,018,684
12 months ended December, 1919.....	10,083,984	3,969,019	12,691,117	87,383	41,811,830

Horses slaughtered, at all establishments, December, 1920, 22.

IMPORTS OF FOOD ANIMALS AND OF MEATS AND MEAT FOOD PRODUCTS.

The statements following show the imports of food animals and of meats and meat food products inspected by the Bureau of Animal Industry during December, 1920, with figures for other periods for comparison.

Imports of food animals.

Country of export.	Cattle.	Swine.	Sheep.	Goats.
Mexico.....	2,755	103	.....	2
Canada.....	18,650	76	16,721	.....
Other countries.....	2	.....	.....	.....
Total: December, 1920.....	21,407	179	16,721	2
December, 1919.....	66,959	593	16,155	157
12 months ended December, 1920.....	372,246	1,158	166,504	12,458
12 months ended December, 1919.....	663,973	21,163	186,074	7,667

Imports of meats and meat food products.

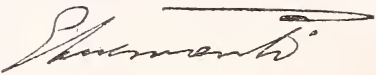
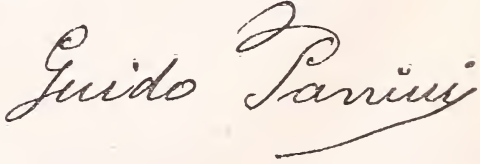
Country of export.	Fresh and refrigerated.		Canned and cured.	Other products.	Total weight.
	Beef.	Other.			
	<i>Pounds.</i>	<i>Pounds.</i>	<i>Pounds.</i>	<i>Pounds.</i>	<i>Pounds.</i>
Australia.....	33,109	25,379			58,488
Canada.....	2,085,165	1,177,857	32,471	142	3,295,635
New Zealand.....		13,061,092	5,274	256,974	13,323,340
Uruguay.....			82,117	3,080	85,197
Other countries.....		77,000	20,306	151,940	252,336
Total: December, 1920.....	2,118,274	14,341,328	140,258	415,136	17,014,996
December, 1919.....	4,177,523	1,140,468	73,881	610,050	6,001,922
12 months ended December, 1920.....	37,841,467	112,880,750	6,951,432	7,240,377	164,914,026
12 months ended December, 1919.....	35,059,287	17,129,887	31,008,160	7,004,360	90,201,694

Condemned in December, 1920: Beef, 113,689 pounds; mutton, 25,034 pounds; pork, 561 pounds; total 139,284 pounds.

Refused entry: Beef; 315 pounds; pork, 2,152 pounds; total, 2,467 pounds.

FOREIGN OFFICIALS AUTHORIZED TO SIGN INSPECTION CERTIFICATES FOR MEAT AND PRODUCTS FOR IMPORTATION INTO THE UNITED STATES.

The following are additional names, addresses, and facsimile signatures of foreign national Government officials authorized to sign and issue certificates of inspection for meat and meat food products offered for importation into the United States:

Country, name, and address.	Signature.
ITALY.	
E. Busmanti.....	
Guido Panini.....	

LICENSES AND PERMITS FOR VETERINARY BIOLOGICAL PRODUCTS.

Licenses for the manufacture of veterinary biological products have been issued as follows for the year 1921, under the act of Congress of March 4, 1913 (37 Stat., 832), the regulations made thereunder (B. A. I. Order 265 and amendments thereto):

License No.	Date.	Name, location, and address of firm.	Products.
2	1921. Jan. 1	The Eagle Co., 283-314 Central Avenue, Kansas City, Kans. (Mailing address: P. O. box 103.)	Antihog-cholera serum; hog-cholera virus.
2-A	...do.....	The Eagle Co., 1837 West Hickory Street, Oklahoma City, Okla.	Do.
3	...do.....	H. K. Mulford Co., Glen Olden, Pa. (Mailing address: Broad and Wallace Streets, Philadelphia, Pa.).	Anthrax vaccine; antianthrax serum; anti-blackleg serum; antibovine-abortion serum; anticanine distemper serum; anti-equine-abortion serum; antihemorrhagic-septicemia serum (bovine); antihemorrhagic-septicemia serum (swine); anti-influenza serum (equine); antipyogenes-bacillus serum (bovine); antistreptococic serum (equine); antiwhite-scur serum (bovine); autozenous bacterin; blackleg aggressin; blackleg filtrate; blackleg vaccine; bovine-abortion bacterin; bovine-abortion serobacterin; bovine-abortion serovaccine; canine-distemper serobacterin; equine-abortion bacterin (mixed); equine-abortion serobacterin (mixed); equine-influenza bacterin (mixed); equine-influenza serobacterin (mixed); equine navel-ill serobacterin (mixed); hemorrhagic-septicemia bacterin (bovine); hemorrhagic-septicemia bacterin (equine); hemorrhagic-septicemia bacterin (sheep); hemorrhagic-septicemia bacterin (swine); hemorrhagic-septicemia serovaccine (bovine); mallein; normal horse serum; polyvalent bacterin mixed (bovine); polyvalent bacterin mixed (canine); polyvalent bacterin mixed (equine); polyvalent bacterin mixed (rabbits); polyvalent bacterin mixed (swine); pyogenes bacillus serobacterin (bovine); rabies vaccine; staphylo-bacterin (equine); strepto-bacterin (equine); tetanus antitoxin, tuberculin; white-scur serobacterin mixed (bovine).
4	...do.....	The Abbott Laboratories, 4739-4753 Ravenswood Avenue, Chicago, Ill. (Mailing address: 4753 Ravenswood Avenue).	Autozenous bacterin; bacillus abortus bacterin (bovine); bacillus avisepticus bacterin; bacillus suisiepticus bacterin; blackleg filtrate; blackleg vaccine; canine-distemper bacterin (mixed); equine-abortion mixed bacterin; equine hemorrhagic-septicemia bacterin; gastroenteritis mixed bacterin (equine); hemorrhagic-septicemia bacterin (bovine); hemorrhagic-septicemia bacterin (for sheep); joint-ill mixed bacterin (equine); mammitis mixed bacterin (bovine); mixed bacterin (for rabbits); mixed-infection bacterin (bovine); mixed-infection bacterin (canine); mixed-infection bacterin (for fowls); mixed-infection bacterin (for sheep); mixed-infection bacterin (for swine); pig-scur mixed bacterin; polyvalent mixed bacterin (equine); staphylo-bacterin (canine); strepto-bacterin (equine); strepto-occus-mastitis bacterin (bovine); swine-abortion mixed bacteria; white-scur mixed bacterin (bovine).

Licenses and permits for veterinary biological products—Continued.

Licence No.	Date.	Name, location, and address of firm.	Products.
5	1921. Jan. 1	Parke, Davis & Co., Parkedale Farm, near Rochester, Mich., and Atwater and McDougall Streets, Detroit, Mich. (Mailing address: Atwater and McDougall Streets.)	Anthrax vaccine; antianthrax serum; anti-blackleg serum; antidistemper serum (canine); antihemorrhagic-septicemia serum (bovine); antihemorrhagic-septicemia serum (ovine); antihemorrhagic-septicemia serum (porcine); anti-influenza serum (equine); antistreptococci-serum (equine); antiwhite-scur serum (bovine); blackleg aggrassin; blackleg filtrate; blackleg vaccine; bovine hemorrhagic-septicemia bacterin; bovine hemorrhagic-septicemia vaccine; canine-distemper mixed bacterin; colon bacterin (equine); equine-influenza mixed bacterin; mallein mixed-infection bacterin (lepine); mixed-infection phylacogen (equine); normal horse serum; ovine hemorrhagic-septicemia bacterin; ovine hemorrhagic-septicemia vaccine; pneumonia phylacogen (equine); porcine hemorrhagic-septicemia bacterin; porcine hemorrhagic-septicemia vaccine; staphylococcus-streptococcus bacterin (canine); streptococcus-staphylococcus bacterin (equine); tetanus antitoxin; tuberculin; white-scur bacterin (bovine).
6	...do....	Pitman-Moore Co., near Zionsville, Ind. (Mailing address: 111-117 North Capitol Avenue, Indianapolis, Ind.)	Anticalf-scur serum; antidistemper serum (equine); antihemorrhagic septicemia serum (for cattle); antihemorrhagic septicemia serum (for rabbits); antihemorrhagic septicemia serum (for swine); antihog-cholera serum; anti-influenza serum (equine); antimixed-infection serum (for swine); antistreptococci serum (equine); autogenous bacterin; calf-scur mixed bacterin; canine antidistemper serum; canine distemper-mixed bacterin; distemper-mixed bacterin (for horses); equine antihemorrhagic-septicemia serum; equine influenza mixed bacterin; fowl-cholera bacterin; hemorrhagic-septicemia bacterin (for cattle); hemorrhagic-septicemia bacterin (for horses); hemorrhagic-septicemia bacterin (for sheep); hemorrhagic-septicemia bacterin (for swine); hemorrhagic-septicemia vaccine (for cattle); hemorrhagic-septicemia vaccine (for sheep); hemorrhagic-septicemia vaccine (for swine); hog-cholera virus; mastitis-mixed bacterin (for cattle); metritis-mixed bacterin (for cattle); mixed bacterin (for rabbits); mixed bacterin (for swine); normal horse serum; pig-scur mixed bacterin; strep-staph-coli bacterin (for cattle); strep-staph-coli bacterin (for horses).
9	...do....	Lederle Antitoxin Laboratories, Middletown Road, near Pearl River, N. Y. (Mailing address: Pearl River, N. Y.)	Abortion vaccine (bovine); anthrax spore vaccine; antianthrax serum; anti-blackleg serum; anticanine-distemper serum; antihemorrhagic-septicemia serum (bovine); antihemorrhagic-septicemia serum (porcine); antihog-cholera serum; anti-influenza serum (equine); antiwhite-scours serum (bovine); blackleg filtrate; blackleg vaccine; canine-distemper mixed vaccine; colon vaccine (equine); equine influenza mixed vaccine; hemorrhagic-septicemia combined vaccine (for cattle); hemorrhagic-septicemia combined vaccine (for sheep); hemorrhagic-septicemia combined vaccine (for swine); hemorrhagic-septicemia vaccine (for fow's); hog-cholera virus; mallein; mixed bacterial vaccine (equine); mixed bacterial vaccine (for swine); rabies vaccine; staphylococcus combined vaccine (equine); streptococcus combined vaccine (equine); tetanus antitoxin; tuberculin; white-scours vaccine mixed (for calves).
10	...do....	The Wichita & Oklahoma Serum Co., Wabash and East Twenty-first Street, Wichita, Kans.	Antihog-cholera serum; hog-cholera virus.
11	...do....	Sioux Falls Serum Co., 2000 Wabash Avenue, Sioux Falls, S. Dak. (Mailing address: Sioux Falls.)	Antihog-cholera serum; hog-cholera virus.

Licenses and permits for veterinary biological products—Continued.

License No.	Date.	Name, location, and address of firm.	Products.
12	1921. Jan. 1	The Royal Serum Co., Adams and Osage Streets, Kansas City, Kans. (Mailing address: Packers Station, Kansas City.)	Antihog-cholera serum; hog-cholera virus.
17	...do....	Beebe Laboratories (Inc.), 153-163 West Third Street, St. Paul, Minn., Biologic Farm at Larpercenter Avenue and White Bear Car Line. (Mailing address: 161 West Third Street.)	Abortion-bacterin mixed (bovine); abortion vaccine (bovine); anticalf-scur serum; anticanine-distemper serum; anti-equine-influenza serum; antihemorrhagic-septicemia serum (for cattle); antihemorrhagic-septicemia serum (for sheep); antihemorrhagic-septicemia serum (for swine); antipig-dysentery serum; blackleg aggrassin; blackleg filtrate; blackleg vaccine; calf-scur vaccine (mixed); canine-distemper vaccine (mixed); equine-influenza vaccine (mixed); hemorrhagic-septicemia vaccine (for cattle); hemorrhagic-septicemia vaccine (for fowls); hemorrhagic-septicemia vaccine (for sheep); hemorrhagic-septicemia vaccine (for swine); mallein; mastitis vaccine mixed (for cattle); mixed infection vaccine (for cattle); mixed-infection vaccine (for rabbits); mixed-infection vaccine (for swine); navel-ill vaccine mixed (for colts); normal horse serum; pig-dysentery vaccine (mixed); polyvalent vaccine mixed (equine); tetanus antitoxin; tuberculin.
18	...do....	The Stock Yards Serum Co., 211 Central Avenue, Kansas City, Kans.	Antihog-cholera serum; hog-cholera virus.
21	...do....	Continental Serum Laboratories Co., Isett Avenue, Muscatine, Iowa. (Mailing address: Muscatine, Iowa.)	Abortus bacterin (bovine); antihog-cholera serum; anti-influenza mixed bacterin (equine); autogenic bacterin; blackleg filtrate; blackleg vaccine; colon bacterin (bovine); hemorrhagic-septicemia bacterin (for cattle); hemorrhagic-septicemia bacterin (for chickens); hemorrhagic-septicemia bacterin (for horses); hemorrhagic-septicemia bacterin (for sheep); hemorrhagic-septicemia bacterin (for swine); hog-cholera virus; mastitis-mixed bacterin (bovine); mixed-infection bacterin (bovine); mixed-infection bacterin (swine); navel-ill mixed bacterin (equine); polyvalent mixed bacterin (equine).
23	...do....	The Missouri Valley Serum Co., 50 North Second Street, Kansas City, Kans.	Antihog-cholera serum; hog-cholera virus.
24	...do....	Sihler Serum Co., 203-210 Central Avenue, Kansas City, Kans. (Mailing address: 1602 West Sixteenth Street, Kansas City, Mo.)	Do.
25	...do....	Interstate Vaccine Co., 58 Greystone Avenue, Kansas City, Kans. (Mailing address: Substation No. 2, Kansas City, Mo.)	Do.
26	...do....	Kaw Valley Serum Co., 115 Greystone Avenue, Kansas City, Kans. (Mailing address: Substation No. 2, Kansas City, Mo.)	Do.
27	...do....	The Simonson Serum Farm, near Hooper, Nebr. (Mailing address: Hooper, Nebr.)	Do.
30	...do....	Kansas Serum Co., corner Noon and Green Streets, Manhattan, Kans. (Mailing address: P. O. box 21.)	Do.
32	...do....	The Standard Serum Co., 9, 11, 13, 15 South Second Street, Kansas City, Kans.	Do.
37	...do....	Sioux City Serum Co., 1319 Bluff Road, Sioux City, Iowa. (Mailing address: 231, 233 Live Stock Exchange Building.)	Do.
39-A	...do....	Purity Biological Laboratories, corner Chambers and Chicago Streets, Sioux City, Iowa. (Mailing address: 311 Nebraska Street.)	Abortion vaccine (bovine); antiblackleg serum; blackleg aggrassin; blackleg filtrate; hemorrhagic-septicemia vaccine (bovine); hemorrhagic-septicemia vaccine (ovine); hemorrhagic-septicemia vaccine (porcine); mixed vaccine (for swine).
40	...do....	Cedar Rapids Serum Co., 123 Twenty-third Avenue West, Cedar Rapids, Iowa.	Do.

Licenses and permits for veterinary biological products—Continued.

Licenses No.	Date.	Name, location, and address of firm.	Products.
41	1921. Jan. 1	Kinsley Laboratories, 400-406 New Centre Building, Fifteenth and Troost Streets, Kansas City, Mo.	Antibortion bacterin (bovine); anti-influenza mixed bacterin (equine); antiwhite-scur mixed bacterin (bovine); autogenous bacterin; canine-distemper bacterin; colon bacterin (bovine); hemorrhagic-septicemia bacterin (canine); hemorrhagic-septicemia combined bacterin (bovine); hemorrhagic-septicemia combined bacterin (equine); hemorrhagic-septicemia combined bacterin (bovine); hemorrhagic-septicemia combined bacterin (equine); metritis-mixed bacterin (bovine); mixed bacterin (swine); pig-scur mixed bacterin; polyvalent mixed bacterin (equine); pyaemic arthritis mixed bacterin (equine); staphylococcus combined bacterin (canine); streptococcus bacterin (equine); streptococcus mastitis bacterin (bovine); swine-plague bacterin.
48	...do....	The Swine Breeders' Pure Serum Co., $\frac{1}{2}$ miles southeast of Thorntown, Ind. (Mailing address: Thorntown.)	Do.
49	...do....	The Slee Laboratories, Swiftwater, Pa.	Anticaine distemper serum; tetanus antitoxin.
52	...do....	The Cutter Laboratory, Fourth and Parker Streets and Sixth and Grayson Streets, Berkeley, Calif. (Mailing address: Sixth and Grayson Streets.)	Anthrax vaccine; antianthrax serum; anti-blackleg serum; antical-scur serum; anticaine distemper serum; antidistemper and anti-influenza serum (equine); anti-hemorrhagic-septicemia serum (bovine); antihemorrhagic-septicemia serum (ovine); antimixed-infection serum (swine); autogenous bacterin; bacillus-abortion bacterin (bovine); bacillus-abortion vaccine (bovine); blackleg aggrossin; blackleg filtrate; blackleg vaccine; calf-scur mixed bacterin; canine-distemper bacterin; canine-distemper mixed bacterin; chicken-pox vaccine; fowl-cholera bacterin; hemorrhagic-septicemia bacterin (bovine); antihog-cholera serum; hog-cholera virus; hemorrhagic-septicemia bacterin (sheep); hemorrhagic-septicemia bacterin (swine); influenza mixed bacterin (equine); mallein; mastitis-mixed bacterin (bovine); mixed bacterin (bovine); mixed bacterin (rabbits); mixed-infection bacterin (swine); navel-ill mixed bacterin (equine); pneumonia mixed bacterin (equine); polyvalent mixed bacterin (equine); rabies vaccine; staphylococcus bacterin (goats); staphylococcus bacterin (equine); streptococcus bacterin (equine); tetanus antitoxin; tuberculin.
51	...do....	Kansas State Agricultural College Vaccine Laboratories, Manhattan, Kans.	Antiblackleg serum; blackleg aggrossin; blackleg filtrate; blackleg vaccine.
56	...do....	The Southwestern Serum Co., 308 East Twenty-first Street, and on premises of Establishment 202, Wichita, Kans. (Mailing address: 308 East Twenty-first Street.)	Antihog-cholera serum; hog-cholera virus.
61	...do....	Guilfoil Serum Co., 18-20-22 North Second Street, Kansas City, Kans.	Do.
67	...do....	Shelton Serum Co., Shelton, Nebr.	Do.
69	...do....	Southern Serum Co., Springfield Road, West Plains, Mo. (Mailing address: P. O. box 311.)	Do.
70	...do....	The St. Joseph Veterinary Laboratories, 1502 Garfield Avenue, St. Joseph, Mo. (Mailing address: Ninth and Mary Streets.)	Do.
72	...do....	Central Missouri Serum Co., East End of East Eastwood Avenue, Marshall, Mo. (Mailing address: P. O. box 344.)	Do.
77	...do....	Corn Belt Serum Co., 215 Winstanley Avenue, East St. Louis, Ill.	Do.
78	...do....	The University of California, Davis and Berkeley, Calif. (Mailing address: Room 101, Budd Hall, University of California, Berkeley, Calif.)	Chicken-pox vaccine; chicken-pox virus.

Licenses and permits for veterinary biological products—Continued.

Licenses No.	Date.	Name, location, and address of firm.	Products.
83	1921. Jan. 1	E. R. Squibb & Sons, Georges Road, New Brunswick, N. J. (Mailing address: New Brunswick, N. J.)	Anticalf scour serum; anticanine distemper serum; antiequine influenza serum; antihemorrhagic septicemia serum (for cattle); antihemorrhagic septicemia serum (for sheep); antihemorrhagic septicemia serum (for swine); antirabic virus; canine distemper vaccine; mallein; tetanus antitoxin; tuberculin.
84	...do....	Grain Belt Supply Co., 3215 L Street, Omaha, Nebr. (Mailing address: Live Stock Exchange Building, Omaha.)	Antihog-cholera serum; hog-cholera virus; swine plague bacterin.
85	...do....	The Western Laboratories, French Camp, Calif. (Mailing address: Twenty-fourth and Broadway, Oakland, Calif.)	Antihog-cholera serum; hog-cholera virus.
91	...do....	Gregory Farm Laboratory, near White Hall, Ill. (Mailing address: White Hall, Ill.)	Do.
99	...do....	The Corn States Serum Co., 4420 U Street, Omaha, Nebr. (Mailing address: 1025 Mason Street, Omaha.)	Do.
102	...do....	The Lathrop Serum Co., Lathrop, Mo.	Do.
103	...do....	Fowler Serum Co., Second Street and Splitlog Avenue, and 335 North James Street, Kansas City, Kans. (Mailing address: Kansas City, Kans.)	Do.
104	...do....	Swan-Myers Co., 219 North Senate Avenue, Indianapolis, Ind.	Abortion bacterin (bovine); avian hemorrhagic-septicemia bacterin; bacillus suispestifer bacterin; bovine hemorrhagic-septicemia bacterin; bovine mastitis-mixed bacterin; canine-distemper bacterin (mixed); equine-colon bacterin; equine hemorrhagic-septicemia bacterin; equine influenza bacterin; equine influenza bacterin (mixed); equine staphylococcus aureus and albus bacterin; mixed bacterin (for rabbits); mixed-infection bacterin (for swine); navel-infection mixed bacterin (equine); ovine hemorrhagic-septicemia bacterin; polyvalent mixed bacterin (equine); swine-plague bacterin; white-scur mixed bacterin (bovine).
107	...do....	Jensen-Salsbery Laboratories (Inc.), 529 West Pennway, Kansas City, Mo.	Antiequine influenza bacterin (mixed); autogenous bacterin; avian tuberculin; blackleg filtrate; blackleg vaccine; bovine-abortion bacterin; bovine-abortion bacterin (mixed); canine-distemper bacterin (mixed); equine-abortion bacterin; gastroenteritis mixed bacterin (equine); hemorrhagic-septicemia bacterin (avian); hemorrhagic-septicemia bacterin (bovine); hemorrhagic-septicemia bacterin (equine); hemorrhagic-septicemia bacterin (ovine); infectious rhinitis mixed bacterin (swine); keratitis mixed bacterin (bovine); mallein; mastitis mixed bacterin (bovine); metritis mixed bacterin (bovine); mixed bacterin (canine); mixed-infection bacterin (avian); mixed-infection bacterin (for cattle); mixed-infection bacterin (rabbits); mixed-infection bacterin (swine); navel-ill mixed bacterin (equine); polyvalent mixed bacterin (equine); rabies vaccine; scours mixed bacterin (swine); staphylococcus bacterin (canine); streptococcus bacterin (equine); streptococcus mastitis bacterin (bovine); swine-plague bacterin; tuberculin; white-scur mixed bacterin (bovine).
107	Jan. 10	...do....	Swine abortion bacterin (mixed).
108	Jan. 1	Universal Serum Co., 161 St. Clair Avenue, East St. Louis, Ill.	Antihog-cholera serum; hog-cholera virus.
110	...do....	American Serum Co., 2117 Leech Street, Sioux City, Iowa.	Do.
111	...do....	Blue Cross Serum Co., Superior, Nebr.	Do.

Licenses and permits for veterinary biological products—Continued.

License No.	Date.	Name, location, and address of firm.	Products.
112	1921. Jan. 1	Fort Dodge Serum Co. (Inc.), 600½ Central Avenue, Fort Dodge, Iowa, and 2 miles from city in Douglas Township. (Mailing address: 600½ Central Avenue.)	Abortion bacterin (bovine); antihog-cholera serum; autogenous bacterin; blackleg ag-gressin; blackleg filtrate; calf-scur mixed bacterin; canine-distemper bacterin; ca-nine-distemper mixed bacterin; equine influenza-mixed bacterin; equine-influenza bacterin; hemorrhagic-septicemia bacterin (avian); hemorrhagic-septicemia bacterin (cattle); hemorrhagic-septicemia bacterin (equine); hemorrhagic-septicemia bacterin (rabbits); hemorrhagic-septicemia bacterin (sheep); hemorrhagic-septicemia bacterin (swine); hog-cholera virus; keratitis mixed bacterin (bovine); mallein; mastitis mixed bacterin (bovine); mixed-infection bac-terin (bovine); mixed-infection bacterin (swine); navel-ill mixed bacterin (equine), pig-scur mixed bacterin; pneumonia mixed bacterin (equine); polyvalent mixed bacterin (equine); tuberculin.
112	Jan. 24	.....do.....	Anticall-scur serum; anticanine distemper serum; antiequine influenza serum.
114	Jan. 1	White Serum Co., 1317-19 Adams Street, Nashville, Tenn.	Antihog-cholera serum; hog-cholera virus.
115	...do....	The Denver Hog Serum Co., 5039 York Street, Denver, Colo.	Do.
116	...do....	Ottumwa Serum Co., Ottumwa, Iowa.	Do.
117-A	...do....	The Kansas Blackleg Serum Co., Sec-ond and Monroe Streets, North, Amarillo, Tex.	Blackleg aggrassin.
119	...do....	The Gilliland Laboratories, Willow Avenue, Ambler, Pa., and Biddle Street, Marietta, Pa. (Mailing ad-dress: Ambler, Pa.)	Antistreptococcic serum (equine); rabies vac-cine; tetanus antitoxin; tuberculin.
120	...do....	The United States Blackleg Serum Co., 3500 West Tenth Street, Oklahoma City, Okla.	Blackleg aggrassin.
122	...do....	The Royal Biological Laboratories, 317-325 Argyle Building, northeast corner Twelfth and Magee Streets, Kansas City, Mo. (Mailing ad-dress: 317 Argyle Building.)	Abortion mixed vaccine (bovine); anti-influenza mixed vaccine (equine); autoge-nous vaccine; mixed-infection vaccine (avian); mixed-infection vaccine (bovine); mixed-infection vaccine (cuniculi); mixed-infection vaccine (ovine); mixed-infection vaccine (swine); navel-ill mixed vaccine (equine) polyvalent mixed vaccine (equine); white-sour mixed vaccine (bovine). (This license was terminated Jan. 22, 1921, on account of the firm name being changed to the Haver-Glover Laboratories.)
122	Jan. 22	The Haver-Glover Laboratories, rooms 317-325 Argyle Building, northeast corner Twelfth and McGee Streets, Kansas City, Mo. (Mailing ad-dress: 317 Argyle Building.)	Do.
124	Jan. 1	Anchor Serum Co., south of Stock Yards, South St. Joseph Mo. (Mail-ing address: Live Stock Exchange Building, St. Joseph, Mo.)	Antihog-cholera serum; hog-cholera virus.
125	...do....	Aurora Serum Co., near North Aurora, Ill. (Mailing address: P. O. box 227, Aurora, Ill.)	Do.
126	...do....	Hamilton Chemical Co., 1 mile north of Noblesville, Ind. (Mailing ad-dress: Noblesville, Ind., R. R. 2.)	Do.
127	...do....	Liberty Laboratories Seventy-seventh and Serum Streets, Ralston, Nebr.	Do.
130	...do....	The E. R. Alexander Clear Serum Co., 2109 Grand Avenue, Kansas City, Mo.	Do.
130	Jan. 28	The E. R. Alexander Clear Serum Co., 2109 Grand Avenue, Kansas City, Mo.	Blackleg filtrate.
131	Jan. 1...	The Fostoria Serum Co., Columbus Avenue, Fostoria, Ohio.	Antihog-cholera serum; hog-cholera virus.
132	...do....	University of Illinois, Urbana, Ill.....	Botulinus antitoxin.
133	...do....	The National Vaccine & Serum Co., 501 East Las Vegas Street, Colorado Springs, Colo.	Abortion bacterin (bovine); blackleg aggres-sin; blackleg filtrate; hemorrhagic-septi-cemia bacterin (for cattle); hemorrhagic-septicemia bacterin (for sheep).

Licenses and permits for veterinary biological products—Continued.

License No.	Date.	Name, location, and address of firm.	Products.
134	1921. Jan. 1	Dr. D. L. Harris's Laboratory, 706 Metropolitan Building, 508 North Grand Avenue, St. Louis, Mo. (Mailing address: 706 Metropolitan Building.)	Rabies vaccine.
135	...do....	The Eagle Dixie Co. (Inc.), 1502 Clinton Street, Nashville, Tenn.	Antihog-cholera serum; hog-cholera virus.
137	...do....	Manhattan Serum Co., Fairmount Addition, Manhattan, Kans. (Mailing address, Box 357.)	Do.
139	...do....	J. C. Swan-Williamson Co., 311-315 North Capitol Avenue, Indianapolis, Ind.	Bovine contagious-abortion bacterin; bovine hemorrhagic-septicemia bacterin; bovine streptococcus-mastitis bacterin; bovine white-scur mixed bacterin; canine-distemper mixed bacterin; equine-distemper bacterin; equine influenza-pneumonia mixed bacteria; equine navel-infection mixed bacterin; equine staphylococcus albus and aureus bacterin; equine staphylococcus coli bacterin; mixed-infection bacterin (swine); swine-plague bacteria.
140	...do....	Mitchell Serum Co., West Second Street Road, Grand Island, Nebr. (Mailing address, Grand Island.)	Antihog-cholera serum; hog-cholera virus.
141	...do....	Capital Serum Co., 1635 Maury Street, Des Moines, Iowa.	Do.
143	...do....	The Johnson Serum Co., Northwest corner Crane and Jefferson Streets, Topeka, Kans.	Do.
145	...do....	Westplains Serum Co., Springfield Road, Westplains, Mo. (Mailing address, Westplains.)	Do.
148	...do....	Zell-Straub Laboratories (Inc.), suite 1611, Masonic Temple, 159 North State Street, Chicago, Ill.	Anticanine distemper serum; autogenous bacterin; avian hemorrhagic-septicemia bacterin; blackleg filtrate; bovine-abortion bacterin; bovine hemorrhagic-septicemia bacterin; bovine mastitis-streptococcus bacterin; canine-distemper mixed bacterin; canine mixed infection bacterin; equine hemorrhagic-septicemia bacterin; equine influenza-mixed bacterin; equine mixed-polyvalent bacterin; ovine hemorrhagic-septicemia bacterin; swine hemorrhagic-septicemia bacterin; swine mixed-infection bacterin.
150	...do....	Smylie Serum Co., 4901 South Thirty-third Street, Omaha, Nebr.	Antihog-cholera serum; hog-cholera virus.
151	...do....	The Salt City Serum Co., Fourth and Grand Avenues, Hutchinson, Kans.	Do.
154	...do....	Rex Serum & Vaccine Co., West of Lake and Alabama Avenue, St. Joseph, Mo. (Mailing address, Box 86, Station D, St. Joseph.)	Do.
155	...do....	Utah Serum Co., Wilson Lane, Ogden, Utah. (Mailing address, Ogden, Utah.)	Do.
156	...do....	The Brawner Serum Co., Converse, Mo.	Do.
157	...do....	Dixie Serum Co., East Side Franklin Street, opposite corner of Jefferson Street, Grenada, Miss. (Mailing address, Grenada.)	Do.
158	...do....	Globe Laboratories, Fostepco Heights, near Fort Worth, Tex. (Mailing address, Fostepco Heights, Fort Worth, Tex.)	Do.
159	Jan. 5	Albany Serum Co., Third and Front Streets, Albany, Ga. (Mailing address, P. O. Box 121, Albany, Ga.)	Do.
160	Jan. 31	Ohio State University, College of Veterinary Medicine, Columbus, Ohio.	Mixed-infection bacterin (for fowls).

U. S. Veterinary Permit No. 2 was issued January 28, 1921, to the Pasteur Laboratories of America, 366 West Eleventh Street, New York, N. Y., for the importation of anthrax vaccine during the year 1921.

PRODUCTION OF ANTIHOG-CHOLERA SERUM AND HOG-CHOLERA VIRUS.

The quantities of antihog-cholera serum and hog-cholera virus produced during the month of December, 1920, at establishments under the bureau's supervision were as follows: Ordinary serum, 10,418,789 c. c.; clear serum, 2,786,615 c. c.; ordinary virus, 705,522 c. c.; clear virus, 6,341 c. c.; hyperimmunizing virus, 2,010,066 c. c.

The production during the calendar year 1920 was as follows: Ordinary serum, 350,395,925 c. c.; clear serum, 39,832,984 c. c.; total serum, 390,223,909 c. c.; ordinary virus, 21,993,035 c. c.; clear virus, 450,343 c. c.; total simultaneous virus, 22,443,378; hyperimmunizing virus, 87,338,709 c. c.

SUMMARY OF TUBERCULOSIS-ERADICATION WORK IN COOPERATION WITH STATES, DECEMBER, 1920.

Stations.	States.	Tuberculin tests.			Total once-tested free herds in the State.	Total accredited herds in the State.	Inspector in charge.	State official.
		Herds or lots.	Cattle tested.	Reacted.				
Albany, N. Y.....	N. Y..	256	8,231	1,749	747	63	H. B. Leonard...	D. W. McLaury, Albany.
Atlanta, Ga.....	Ga....	47	1,617	21	954	9	W. M. MacKellar.	P. F. Bahnsen, Atlanta.
Augusta, Me.....	Me....	117	1,675	60	436	240	J. B. Reidy.....	W. H. Lynch, Augusta.
Baltimore, Md.....	Md....	178	2,060	248	519	125	T. A. Ladson....	R. C. Reed, Baltimore.
Birmingham, Ala..	Ala....	27	898	28	299	33	C. J. Becker.....	C. A. Cary, Auburn.
Bismarck, N. Dak..	N. Dak.	247	4,998	118	1,433	184	H. H. Cohenour..	W. F. Crewe, Bismarck.
Boise, Idaho.....	Idaho..	74	1,005	44	1,542	14	W. A. Sullivan..	J. D. Adams, Boise.
Boston, Mass.....	Mass..	38	1,095	35	35	29	E. A. Crossman..	L. H. Howard, Boston.
Do.....	R. I..	2	45	1	9	5	.....do.....	J. S. Pollard, Providence.
Do.....	N. H..	20	626	85	35	13	.....do.....	A. L. Felker, Concord.
Charleston, W. Va..	W. Va..	.....	.....	.....	847	54	Geo. W. Neff....	J. H. Stewart, Charleston.
Cheyenne, Wyo....	Wyo....	2	1,053	.....	3	.....	John T. Dallas..	B. F. Davis, Cheyenne.
Chicago, Ill.....	Ill....	174	3,068	226	416	147	J. J. Linter.....	A. T. Peters, Springfield.
Columbia, S. C.....	S. C....	49	1,089	4	296	52	W. K. Lewis.....	W. K. Lewis, Columbia.
Columbus, Ohio....	Ohio..	156	2,710	195	975	263	Leo E. Davis....	T. A. Burnett, Columbus.
Denver, Colo.....	Colo... 3	28	3	5	.....	.....	W. E. Howe.....	C. G. Lamb, Denver.
Des Moines, Iowa..	Iowa.. 108	2,868	79	858	114	.....	F. H. Thompson..	P. Malcolm, Des Moines.
Fort Worth, Tex....	Tex.... 91	1,127	19	133	1	.....	H. Grafke.....	L. G. Cloud, Fort Worth.
Frankfort, Ky.....	Ky.... 83	1,199	45	543	85	.....	W. F. Biles.....	W. C. Simmons, Frankfort.
Harrisburg, Pa.....	Pa.... 130	2,517	161	526	425	.....	P. E. Quinn.....	T. E. Muuee, Harrisburg.
Hartford, Conn....	Conn.. 34	954	142	110	23	.....	E. I. Smith.....	J. M. Whittlesey, Hartford.
Helena, Mont.....	Mont.. 174	3,537	59	1,745	65	.....	R. Snyder.....	W. J. Butler, Helena.
Indianapolis, Ind..	Ind.... 263	3,904	46	1,455	214	.....	E. B. Haskin....	L. E. Northrup, Indianapolis.
Jackson, Miss.....	Miss.. 1,447	13,979	84	335	65	.....	J. A. Barger.....	H. Chadwick, Jackson.
Jefferson City, Mo..	Mo.... 148	3,396	56	890	55	.....	Ralph Graham...	D. F. Luckey, Jefferson.
Lansing, Mich.....	Mich.. 122	2,363	77	207	181	.....	T. S. Rich.....	H. H. Halladay, Lansing.
Lincoln, Nebr.....	Nebr.. 93	3,020	84	459	40	.....	C. H. Hays.....	W. T. Spencer, Lincoln.
Little Rock, Ark... 3	Ark....	197	.....	83	21	.....	J. H. Bux.....	R. M. Gow, Little Rock.
Madison, Wis.....	Wis.... 851	15,411	270	1,136	496	.....	J. S. Healy.....	C. P. Norgord, Madison.
Montpelier, Vt.....	Vt.... 322	6,304	351	1,643	159	.....	A. J. DeFosset...	E. S. Brigham, Montpelier.

Summary of tuberculosis-eradication work in cooperation with States, December, 1920—
Continued.

Stations.	States.	Tuberculin tests.			Total once-tested free herds in the State.	Total accredited herds in the State.	Inspector in charge.	State official.
		Herds or lots.	Cattle tested.	Re-acted.				
Nashville, Tenn....	Tenn..	48	1,363	13	391	113	Robert Jay.....	M. Jacob, Nashville.
New Orleans, La....	La....	6	281	8	271	28	R. W. Tuck.....	E. P. Flower, Baton Rouge.
Oklahoma, Okla....	Okla..	101	2,234	47	282	11	C. F. Harrington..	J. A. Whitehurst, Oklahoma.
Olympia, Wash....	Wash..	103	2,484	62	322	21	S. O. Fladness....	L. C. Pelton, Olympia.
Pierre, S. Dak.....	S.Dak.	48	1,765	109	232	28	J. O. Wilson.....	A. E. Beaumont, Pierre.
Portland, Oreg.....	Oreg...	249	5,227	106	968	60	S. B. Foster.....	W. H. Lytle, Salem.
Richmond, Va.....	Va.....	103	2,397	60	649	391	R.E.Brookbank..	J. G. Ferneyhough, Richmond.
Do.....	N. C....	29	729	20	986	176	.....do.....	Wm. Moore, Raleigh.
St. Paul, Minn.....	Minn...	278	7,689	164	1,137	731	W. J. Fretz.....	C. E. Cotton, St. Paul.
Salt Lake City, Utah..	Utah..	267	1,489	5	1,285	42	F. E. Murray....	R. W. Hoggan, Salt Lake City.
Do.....	Nev....	87	1,456	51	778	1	.....do.....	Edw. Records, Reno.
Tallahassee, Fla....	Fla....	136	2,800	23	1,450	45	J. G. Fish.....	J. W. DeMilly, Tallahassee.
Topeka, Kans.....	Kans...	76	1,995	46	153	132	H. M. Graefe....	J. H. Mercer, Topeka.
Trenton, N. J.....	N. J....	34	1,044	47	29	28	W. G. Middleton..	J. H. McNeil, Trenton.
Do.....	Del....	65	1,134	83	220	23	.....do.....	Wesley Webb, Dover.
Washington, D. C..	D. C....	23	81	.....	11	8	J. A. Kiernan....	.....
Do.....	Miscel.	12	20	2	.....	.....	.....do.....	.....
Total.....	.....	6,924	125,162	4,983	27,842	5,013	.....	.....

PERMITTED DIP FOR CATTLE FOR TICKS.

The bureau has granted permission for the use of "Key Dip," manufactured by Interstate Chemical Co., 12 Bayview Avenue, Jersey City, N. J., in the official dipping of cattle for ticks. The dilution for dipping cattle for interstate movement is 1 gallon of dip to not more than 127 gallons of water. This will yield a solution containing not less than 0.22 per cent actual arsenious oxid.

BUREAU OF ANIMAL INDUSTRY DIRECTORIES.

Officers in charge are informed that bureau directories furnished them are intended for the use of employees on their forces. Officers are therefore requested to conserve their supplies and to refer other persons requesting directories to the Superintendent of Documents, Government Printing Office, Washington, D. C., from whom they may be purchased at 25 cents each.

RESULTS OF PROSECUTIONS FOR VIOLATIONS OF LAWS.

Penalties have been imposed in prosecutions for violations of regulatory laws, as reported to the bureau, as follows:

Live-Stock Quarantine Law.

Chicago & North Western Railway Co., \$100 fine and costs.

St. Louis & San Francisco Railway Co., \$100 fine.

Missouri, Kansas & Texas Railway Co., \$100 fine.

Twenty-Eight-Hour Law.

Chesapeake & Ohio Railway Co. (24 cases), \$2,400 fines and costs for one case.
Pennsylvania Railroad Co. (7 cases), \$825 fines.
Pittsburgh, Cincinnati, Chicago, & St. Louis Railway Co. (2 cases), \$200 fines.
Missouri, Kansas & Texas Railway Co., \$100 fine.
Baltimore Railroad Co. (3 cases, 24 counts), \$3,475 fines and costs.
Wabash Railroad Co. (6 cases), \$600 fines.
Chicago Junction Railway (2 cases), \$200 fines.

Meat-Inspection Law.

John Gilbert & Son, New Haven, Conn., \$75 fine and costs.
Gamanos & Booskos, New York, N. Y., \$100 fine.
Jacob Branfman, New York, N. Y., \$100 fine.

BUREAU REGULATIONS IN FORCE.

A list of B. A. I. orders and amendments and other orders and notices in effect at the beginning of the year 1921 is given below. Each station or office should keep a file of all such regulations *that relate to its work*. The bureau will endeavor to furnish, on request, copies of any that may be necessary to complete such a file. As the supply of some of these orders, especially the earlier ones, is almost exhausted, station officers are requested to use discrimination in making requests and to refrain from asking for copies of regulations which have no bearing on the work of their stations.

B. A. I. Order 92. Special order prohibiting the landing of animals from the Philippine Islands at any of the ports of the United States or of the dependencies thereof. (Dec. 13, 1901.) Amendment 1 (July 7, 1916).

B. A. I. Order 97. Extracts from existing laws, with rules and regulations as therein provided, prescribed for the inspection and certification of renovated butter and other dairy products for export. (Oct. 1, 1902.)

B. A. I. Order 147. Regulations prescribed in regard to renovated butter in accordance with the act of Congress approved May 9, 1902. (July 11, 1907.) Amendments 1 (Sept. 30, 1908) and 2 (July 8, 1914).

B. A. I. Order 193. Regulations governing the sanitation of renovated or process butter factories. (Oct. 21, 1912.)

B. A. I. Order 206. Regulations governing the recognition of breeds and purebred animals. (Nov. 11, 1913.) Amendments 1 (Aug. 9, 1914), 2 (Aug. 31, 1915), 3 (Nov. 2, 1916), and 4 (July 15, 1919).

B. A. I. Order 211. Regulations governing the meat inspection of the United States Department of Agriculture. (July 15, 1914.) Amendments 2 (Nov. 20, 1915), 3 (May 2, 1916), 4 (July 9, 1917), 5 (Dec. 31, 1917), 6 (May 1, 1918), 7 (Feb. 21, 1919), 8 (June 11, 1919), 9 (Aug. 8, 1919), 10 (Aug. 6, 1919), 11 (Oct. 23, 1919), 12 (Oct. 23, 1919), and 13 (Apr. 8, 1920).

B. A. I. Order 256. Special order prescribing methods for the disinfection of hides, skins, fleshings, hide cuttings, parings, and glue stock, and other animal by-products, hay, straw, forage, or similar material offered for entry into the United States, and the containers of glue stock, bones, hoofs, and horns so offered for entry. (Dec. 14, 1917.)

B. A. I. Order 257. To prevent the spread of scabies in sheep. (Feb. 28, 1918.) Amendment 1 (Mar. 11, 1919).

B. A. I. Order 263. Regulations governing the interstate movement of livestock (May 15, 1919.) Amendments 1 (July 7, 1919), 2 (Apr. 10, 1920), and 3 (Aug. 7, 1920).

B. A. I. Order 264. Regulations governing the inspection, humane handling, and safe transport of export animals. (May 28, 1919.) Amendment 1 (Oct. 31, 1919).

B. A. I. Order 265. Regulations governing the preparation, sale, barter, exchange, shipment, and importation of viruses, serums, toxins, and analogous products intended for use in the treatment of domestic animals. (Aug. 1, 1919.) Amendment 1 (July 14, 1920).

B. A. I. Order 266. Regulations for the inspection and quarantine of horses, cattle, sheep, swine, and other animals imported into the United States. (Aug. 30, 1919.) Amendments 1 (Oct. 11, 1919), and 2 (Nov. 13, 1919).

B. A. I. Order 267. Regulations governing the appraisement of tuberculous cattle and expenditures on account of the control and eradication of tuberculosis of animals. (Aug. 6, 1919.)

B. A. I. Order 271. To prevent the spread of splenetic, southern, or Texas fever in cattle. (Nov. 9, 1920.)

Joint Order No. 2 (United States Treasury Department and Department of Agriculture). Regulations governing the sanitary handling and control of hides, fleshings, hide cuttings, parings, and glue stock, sheepskins and goatskins and parts thereof, hair, wool, and other animal by-products, hay, straw, forage, or similar material offered for entry into the United States. (Oct. 15, 1917.) Amendment 2 (Nov. 11, 1920).

Joint Order No. 3 (United States Treasury Department and Department of Agriculture). Regulations providing for the importation into the United States below the southern cattle-quarantine line of tick-infested cattle from Mexico, South and Central America, the islands of the Gulf of Mexico, and the Caribbean Sea. (Apr. 23, 1918.) Amendment 1 (Dec. 24, 1918).

Notice No. 1. Notice under section 2, Regulation 27, of the regulations governing the meat inspection of the United States Department of Agriculture (B. A. I. Order 211), in reference to meat and products offered for importation into the United States from the Republic of Mexico. (May 6, 1915.)

Notice No. 2. Notice under section 2, Regulation 27, of the regulations governing the meat inspection of the United States Department of Agriculture (B. A. I. Order 211), in reference to meat and products offered for importation into the United States from the Republic of Mexico. (Oct. 20, 1915.)

Notice No. 3. Importation of meat and products from Tsingtau, China. Notice under section 2, Regulation 27, of the regulations governing the meat inspection of the United States Department of Agriculture (B. A. I. Order 211), in reference to meat and products offered for importation into the United States from Tsingtau, China. (July 28, 1920.)

Notice regarding interstate movement of horses, mules, and asses affected with glanders. (Oct. 9, 1907.)

Notice regarding the interstate movement of cattle and swine which are affected with tuberculosis. (Nov. 6, 1907.)

The feeding, watering, and resting of livestock in course of interstate transportation. (Apr. 23, 1919.)

ORGANIZATION OF THE BUREAU OF ANIMAL INDUSTRY.

Chief: JOHN R. MOHLER.

Assistant Chief: B. H. RAWL.

Assistant to the Chief: CHARLES C. CARROLL.

Chief Clerk: J. R. COHRAN.

Editor: D. S. BURCH.

Animal Husbandry Division: GEORGE M. ROMMEL, chief.

Biochemic Division: M. DORSET, chief.

Dairy Division: B. H. RAWL, chief.

Division of Hog-Cholera Control: U. G. HOUCK, chief.

Division of Virus-Serum Control: D. I. SKIDMORE, chief.

Field Inspection Division: A. W. MILLER, chief.

Meat Inspection Division: R. P. STEDDOM, chief.

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Tick Eradication Division: R. A. RAMSAY, chief.

Tuberculosis Eradication Division: J. A. KIERNAN, chief.

Zoological Division: B. H. RANSOM, chief.

Experiment Station: E. C. SCHROEDER, superintendent.

Office of Accounts: A. C. DAVIS in charge.

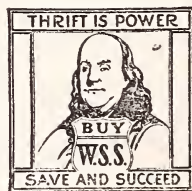
Appointment Section: GEORGE H. RUSSELL in charge.

SAVINGS CAMPAIGN TO BE CONTINUED.

Presidents of women's organizations have emphasized the need of the continuation of the savings work among their membership in 1921.

The work of the Savings Division of the Treasury Department has been spendidly successful in the schools, with the children, and as well with the leaders of educational thought in America.

In responding to those demands from great national organizations, the Savings Division will intensify during 1921 its campaign to spread broadcast the essential facts relative to wise saving and spending and investment and the continued development of new capital.



— BUY U. S. S. —

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